

DEPARTMENT of ENVIRONMENTAL SERVICES
Water Supply & Pollution Control Division - Biology Bureau

LAKE TROPHIC DATA

MORPHOMETRIC:

Lake: DEAD RIVER POND	Lake Area (ha):	---
Town: BERLIN	Maximum depth (m):	---
County: Coos	Mean depth (m):	---
River Basin: Androscoggin	Volume (m ³):	---
Latitude: 44°29' N	Relative depth:	---
Longitude: 71°12' W	Shore configuration:	---
Elevation (ft): 1020	Areal water load (m/yr):	---
Shore length (m): ---	Flushing rate (yr ⁻¹):	---
Watershed area (ha): ---	P retention coeff.:	---
% watershed ponded: ---	Lake type:	artificial

BIOLOGICAL:

13 August 1987

DOM. PHYTOPLANKTON (% TOTAL) #1		
#2		
#3		
PHYTOPLANKTON ABUNDANCE (cells/mL)		
CHLOROPHYLL-A (µg/L)		
DOM. ZOOPLANKTON (% TOTAL) #1		
#2		
#3		
ROTIFERS/LITER		
MICROCRUSTACEA/LITER		
ZOOPLANKTON ABUNDANCE (#/L)		
VASCULAR PLANT ABUNDANCE		
SECCHI DISK TRANSPARENCY (m)		
BOTTOM DISSOLVED OXYGEN (mg/L)		
BACTERIA (fecal col., #/100 ml) #1		
#2		
#3		

SUMMER THERMAL STRATIFICATION:

Depth of thermocline (m):
Hypolimnion volume (m³):

CHEMICAL:

Lake: DEAD RIVER POND

Town: BERLIN

		13 August 1987			
DEPTH (m)					
pH (units)					
A.N.C. (Alkalinity)					
NITRATE NITROGEN					
TOTAL KJELDAHL NITROGEN					
TOTAL PHOSPHORUS					
CONDUCTIVITY (μ mhos/cm)					
APPARENT COLOR (cpu)					
MAGNESIUM					
CALCIUM					
SODIUM					
POTASSIUM					
CHLORIDE					
SULFATE					
TN : TP					
CALCITE SATURATION INDEX					

All results in mg/L unless indicated otherwise

TROPHIC CLASSIFICATION: 1987

D.O. S.D. PLANT CHL TOTAL CLASS

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COMMENTS:

1. This is no longer a pond (it may never have been one); it is a marshy area with a brook flowing through it. No samples were collected and no trophic classification was assigned.